

ABSTRACT OF THE DISCLOSURE

The present invention relates to a wireless LAN antenna and wireless LAN card, which can transmit/receive RF signals in a high frequency band (5GHz) and a low frequency band (2.4GHz) required in the wireless LAN. The wireless LAN antenna of the present invention includes a radiation electrode, a matching electrode and a feeding electrode. The radiation electrode has a predetermined area to determine a transmission/reception frequency band of the antenna. The matching electrode has at least one open stub. The feeding electrode has a feeding point formed at an arbitrary position of the feeding electrode to receive a current, with a first end connected to the radiation electrode and a second end connected to the matching electrode. Further, the feeding point and a ground point are arbitrarily set on the feeding electrode, thus adjusting the impedance and frequency of the wireless LAN antenna.